

*IECDB IOWAccess Projects*  
ITE Level of Effort Estimation for LCT  
Presented to IOWAccess Advisory Council  
*November 9, 2005*

The Lobbyist and Client Tracking project (LCT), originally funded for \$18,500 to cover the entire project, was approved using the “old” project methodology. During the Planning phase the true scope of the project was found to be considerably greater than first understood. The project was suspended pending the approval for additional funding. The following is a summarization of the level of effort (LOE) estimates generated as a product of the Planning phase results to date.

## **PROJECT OBJECTIVES**

LCT is a system in which an individual can register as a lobbyist or cancel their registration. They can submit quarterly and annual reports. The system will automatically audit the documents for timeliness and completeness. The system will aid in correlating information between information submitted by the lobbyist and by their client, which currently are required under different calendars. In addition to this, the system will provide a number of ways for the public to view lobbyist data. As a result the cost is a reflection of the complexity of the system.

The primary objectives of this project are to provide:

- A more convenient method for executive branch lobbyists and clients to meet all their reporting and filing obligations to the State through an on-line web-based application
- A system that allows the community user to access the system without a secured login (self registration process) during their filing process
- A system that will provide an interface with a secured administrative function for IECDB staff to upload and monitor lobbyists submittals, handle delinquent filings, assign remedies, amend and update if necessary
- The system needs to generate reports of all the (lobbyist) filings and make them available to public for on-line viewing and on-demand reporting
- More efficient processing and access of public reports for agencies and community
- An effective way for the IECDB staff to monitor and track the lobbyist filings against the due dates and apply appropriate remedies as necessary

## **PROJECT BUDGET**

The Execution phase of the project includes code development, testing, project management, training and costs associated with deployment of the application in accordance with the customer’s requirements are estimated to be \$170,100.

## SUMMARY OF ACTIVITIES

Following displays the development and support estimates (in hours) associated with the project.

**Remaining Planning Effort** 200 hrs

This is the estimated time remaining to finalize the deliverables from the Planning Phase.

**Development Effort** 782 hrs

This anticipates 41 screens to be implemented. It is assumed that the average time to implement a screen is 19 hours.

**Support and Deployment Activities** 1030 hrs

These tasks include estimated efforts for project management, testing (unit/system/UAT support), meetings and administrative tasks, and deployment tasks and support.

## DAS ITE PROJECT ESTIMATION PROCESS

Following displays the considerations in defining the level of effort estimates:

- Skill level of analyst and/or programmer assigned to development and deployment tasks
- Complexity of system and application's architecture and environment
- Number of screens associated with proposed system
- Complexity of screens (function points associated with screen)
- Database and relationships between data elements
- Reports number
- Complexity of reports
- Level of future maintenance
- Historical metrics associated with similar projects

## ESTIMATE PROCESS

Since July 2005, no activity or tasks have been undertaken on the completion of the project's Planning phase. This phase is still incomplete and the documented requirements are over 7 months old.

Based on the number of screens identified and anticipated time per screen, ITE development projected that 200 hours would be needed to complete the design, and update of the Requirements document. The development effort is estimated to be 754 hrs. Support and deployment activities (for example: project management, release planning, training, and deployment tasks) are included in percentages similar to those indicated in ITE's historical metrics.

While we believe that we have sufficient information to reasonably estimate the scope of the effort, it needs to be remembered that the Planning phase for this project is incomplete and estimates have been extrapolated using our existing knowledge of requirements.